

# St George College Senior Secondary Handbook

## **VISUAL BASIC PROGRAMMING**

**LEVEL:** Year 10 (Elective)

**TIME ALLOCATION:** One Semester for 4 lessons per week

**AIMS:**

Through Visual Basic, students experience a variety of programming techniques that enable students to:

- Analyse problem descriptions and design programming solutions using common problem-solving techniques.
- Describe the uses of the various Visual Basic tools.
- Utilize appropriate Visual Basic forms, tools, and language components to code solutions for various problems.
- Locate and correct errors in programs.
- Create appropriate program documentation.

**CONTENT:**

Tour of Visual Basic  
Program Planning  
Numbers  
Strings  
Input, Output  
Logical Operators  
Select Case Blocks  
Do Loops  
For Next Loops  
List Boxes & Combo Boxes  
Other Objects  
Random Access Files  
Graphical Display of Data

**TEXT:**

An Introduction To Programming Using Visual Basic 6.0  
Fourth Edition  
David I. Schneider

**ASSESSMENT:**

Case Studies, Projects, Practical and written assignments.